L	Hits	Search Text	DB	Time stamp
Number 2	3	("NROM" and (grounded near2 (doped adj	USPAT;	2004/07/06
2	3	region)))	US-PGPUB; EPO; JPO;	18:55
3	0	("NROM" and (polisilicon with resistance))	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/07/06
4	29	("NROM" and (polysilicon with resistance))	IBM_TDB USPAT; US-PGPUB;	2004/07/06 18:50
5	61	kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.	EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/07/06 18:51
6	22	(("NROM" and (polysilicon with resistance))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/07/06 18:51
8	11	huang-shou-wei.in.) (((("NROM" and (polysilicon with resistance))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and ground\$4) and	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/07/06
7	12	<pre>(charge) ((("NROM" and (polysilicon with resistance))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in.</pre>	USPAT; US-PGPUB; EPO; JPO;	2004/07/06 18:52
9	7	huang-shou-wei.in.)) and ground\$4 ("NROM" and (polysilicon with protection))	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/07/06 18:55
10	17	("NROM" and (polysilicon with protecti\$4))	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/07/06 18:56
11	11	<pre>(("NROM" and (polysilicon with protecti\$4))) not ((kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.) ((("NROM" and (polysilicon with resistance))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.))</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/06 18:56
12	0	and ground\$4)) 20010026970.URPN.	USPAT	2004/07/06 18:57
13	3	("5350710" "5393701" "6028324").PN.	USPAT	2004/07/06 19:03
14	2	6337502.URPN.	USPAT	2004/07/06 19:03
15	4	("6277691" "6337502" "6417053" "6469342").PN.	USPAT	2004/07/06 19:03
-	169	l	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/16 17:13
-	0	6680227.URPN.	USPAT	2004/03/16
-	0	6680227.URPN.	USPAT	2004/03/16 17:12
_	0	kuo-tun-cheng.in.	USPAT; US-PGPUB; EPO; JPO;	2004/03/16 17:12
_	33	kuo-tung-cheng.in.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/16 17:12

Search History 7/6/04 7:05:46 PM Page 1

-	37	liu-chien-hung.in.	USPAT;	2004/03/16
-			US-PGPUB;	17:12
			EPO; JPO;	
			IBM_TDB	
-	33	pan-shyi-shuh.in.	USPAT;	2004/03/16
			US-PGPUB;	17:12
			EPO; JPO;	
			IBM_TDB	
-	30	huang-shou-wei.in.	USPAT;	2004/03/16
	i		US-PGPUB;	17:12
			EPO; JPO;	
1			IBM_TDB	
i -	14	(kuo-tung-cheng.in. liu-chien-hung.in.	USPAT;	2004/07/06
	1	pan-shyi-shuh.in. huang-shou-wei.in.) and	US-PGPUB;	18:51
		(protecti\$4 and (trapping or floating))	EPO; JPO;	
			IBM TDB	
-	138	"NROM" and ("ONO" or (oxide adj nitride	USPAT;	2004/03/16
		adj oxide)) and (polysilicon near2 (gate	US-PGPUB;	17:13
		or (word adj line)))	EPO; JPO;	
i		(IBM TDB	
_	69	("NROM" and ("ONO" or (oxide adj nitride	USPAT;	2004/03/16
		adj oxide)) and (polysilicon near2 (gate	US-PGPUB;	17:13
		or (word adj line)))) and ground\$2	EPO; JPO;	1
		02 (IBM TDB	
_	76	("NROM" and ("ONO" or (oxide adj nitride	USPAT;	2004/03/16
	, 0	adj oxide)) and (polysilicon near2 (gate	US-PGPUB;	17:13
		or (word adj line)))) and ground\$4	EPO; JPO;	1
		or (note as Time,), and groundy	IBM TDB	
_	0	(("NROM" and ("ONO" or (oxide adj nitride	USPAT;	2004/03/16
		adj oxide)) and (polysilicon near2 (gate	US-PGPUB;	17:13
		or (word adj line)))) and ground\$4) and	EPO; JPO;	1,.13
		(protect adj line)	IBM TDB	
	5	(("NROM" and ("ONO" or (oxide adj nitride	USPAT;	2004/03/16
-		adj oxide)) and (polysilicon near2 (gate	US-PGPUB;	17:13
		or (word adj line)))) and ground\$4) and	EPO; JPO;	17.13
			IBM TDB	
		(protect\$4 adj line)	USPAT;	2004/03/16
-	0	((("NROM" and ("ONO" or (oxide adj nitride adj oxide)) and (polysilicon	US-PGPUB;	17:13
	İ		EPO; JPO;	17.13
		near2 (gate or (word adj line)))) and ground\$4) and (protect\$4 adj line)) not	IBM TDB	
		(kuo-tung-cheng.in. liu-chien-hung.in.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		(kuo-tung-cheng.in. liu-chien-nung.in. pan-shyi-shuh.in. huang-shou-wei.in.)		į
			HCDAM.	2004/03/16
-	66		USPAT; US-PGPUB;	17:13
		adj oxide)) and (polysilicon near2 (gate		17:13
		or (word adj line)))) and ground\$4) not	EPO; JPO;	
		(kuo-tung-cheng.in. liu-chien-hung.in.	IBM_TDB	
1	1	pan-shyi-shuh.in. huang-shou-wei.in.)	HCDAT.	2004/03/16
-	27		USPAT;	2004/03/16
		nitride adj oxide)) and (polysilicon	US-PGPUB;	11.13
		near2 (gate or (word adj line)))) and	EPO; JPO;	
		ground\$4) not (kuo-tung-cheng.in.	IBM_TDB]
	1	liu-chien-hung.in. pan-shyi-shuh.in.		1
		huang-shou-wei.in.)) and (resistan\$3)	IICDAE -	2004/03/16
_	26		USPAT;	2004/03/16
		nitride adj oxide)) and (polysilicon	US-PGPUB;	17:13
		near2 (gate or (word adj line)))) and	EPO; JPO;	
		ground\$4) not (kuo-tung-cheng.in.	IBM_TDB	
		liu-chien-hung.in. pan-shyi-shuh.in.		
	1	huang-shou-wei.in.)) and (resistan\$3))		
		and (metal or tungsten)	TIGDAM:	2004/03/36
-	0		USPAT;	2004/03/16
		nitride adj oxide)) and (polysilicon	US-PGPUB;	17:13
1	1	near2 (gate or (word adj line)))) and	EPO; JPO;	j l
1		ground\$4) not (kuo-tung-cheng.in.	IBM_TDB	1
		liu-chien-hung.in. pan-shyi-shuh.in.		
[huang-shou-wei.in.)) and (resistan\$3))		
1		and (metal or tungsten)) and substrate	İ	
1		and (polysilicon adj protecti\$4)	1	1

		•		
-	2	("6147053" "20010046718").PN.	USPAT;	2004/03/16
			US-PGPUB; EPO; JPO;	17:13
			IBM TDB	
- :	1	"6680227"	USPĀT;	2004/03/16
			US-PGPUB;	17:13
			EPO; JPO;	
	1	("6147053" "2001/0046718").PN.	IBM_TDB USPAT	2004/03/16
-	1	(6147033 200170046718).FN.	OSFAI	17:13
_	1	6147053.URPN.	USPAT	2004/03/16
		•		17:13
-	8	((kuo-tung-cheng.in. liu-chien-hung.in.	USPAT;	2004/03/16
		pan-shyi-shuh.in. huang-shou-wei.in.) and	US-PGPUB;	17:13
		<pre>(protecti\$4 and (trapping or floating))) and resistan\$4</pre>	EPO; JPO; IBM TDB	
_	7	("5070378" "5200733" "5852317"	USPAT	2004/03/16
	·	"5966603" "6151248" "6222768"		17:13
		"6337502").PN.		
_	2	6469342.URPN.	USPAT	2004/03/16
				17:13
-	155	((((trapping or floating) adj layer) and	USPAT; US-PGPUB;	2004/03/16
		(polysilicon with gate) and ("ONO" or (oxide adj3 nitride adj3 oxide)))) not	EPO; JPO;	1/:14
		(kuo-tung-cheng.in. liu-chien-hung.in.	IBM TDB	
		pan-shyi-shuh.in. huang-shou-wei.in.)		
-	22	((((("NROM" and ("ONO" or (oxide adj	USPAT;	2004/03/16
		nitride adj oxide)) and (polysilicon	US-PGPUB;	17:13
		near2 (gate or (word adj line)))) and	EPO; JPO;	
		ground\$4) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in.	IBM_TDB	
		huang-shou-wei.in.)) and (resistan\$3))		
		and (metal or tungsten)) and substrate		
		and (polysilicon)		
-	5	(((("NROM" and ("ONO" or (oxide adj	USPAT;	2004/03/16
		nitride adj oxide)) and (polysilicon	US-PGPUB;	17:13
		near2 (gate or (word adj line)))) and	EPO; JPO; IBM TDB	
		ground\$4) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in.	104-106	
		huang-shou-wei.in.)) and (resistan\$3))		
		not (((((("NROM" and ("ONO" or (oxide adj		
		nitride adj oxide)) and (polysilicon		
		near2 (gate or (word adj line)))) and		
		ground\$4) not (kuo-tung-cheng.in.		
1		liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (resistan\$3))		
		and (metal or tungsten)) and substrate		
		and (polysilicon))		
-	39	((("NROM" and ("ONO" or (oxide adj	USPAT;	2004/03/16
		nitride adj oxide)) and (polysilicon	US-PGPUB;	17:13
		near2 (gate or (word adj line)))) and ground\$4) not (kuo-tung-cheng.in.	EPO; JPO; IBM TDB	
		liu-chien-hung.in. pan-shyi-shuh.in.	1011-100	
		huang-shou-wei.in.)) not ((("NROM" and		
		("ONO" or (oxide adj nitride adj oxide))		
		and (polysilicon near2 (gate or (word adj		
			İ	
-	137	(((((trapping or floating) adj layer) and	USPAT;	2004/03/16
		(polysilicon with gate) and ("ONO" or	US-PGPUB;	17:14
		(oxide adj3 nitride adj3 oxide)))) not	EPO; JPO;	
		(kuo-tung-cheng.in. liu-chien-hung.in.	IBM_TDB	
		pan-shyi-shuh.in. huang-shou-wei.in.)) not (("NROM" and ("ONO" or (oxide adj		
		nitride adj oxide)) and (polysilicon		
	I		1	1
1		near2 (gate or (word adj line)))) and		
_	137	<pre>line)))) and ground\$4) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (resistan\$3)) (((((trapping or floating) adj layer) and</pre>	1	

r	1	(((((trapping or floating) adj layer)	USPAT;	2004/03/16
1 -		and (polysilicon with gate) and ("ONO" or	US-PGPUB;	17:14
				17:14
		(oxide adj3 nitride adj3 oxide)))) not	EPO; JPO;	
		(kuo-tung-cheng.in. liu-chien-hung.in.	IBM_TDB	
		pan-shyi-shuh.in. huang-shou-wei.in.))		
		not (("NROM" and ("ONO" or (oxide adj		
		nitride adj oxide)) and (polysilicon		
		near2 (gate or (word adj line)))) and		
ļ		ground\$4)) and (grounded with dop\$4)		
_	2	(((((trapping or floating) adj layer)	USPAT;	2004/03/16
		and (polysilicon with gate) and ("ONO" or	US-PGPUB;	17:15
		(oxide adj3 nitride adj3 oxide)))) not	EPO; JPO;	
		(kuo-tung-cheng.in. liu-chien-hung.in.	IBM TDB	
		pan-shyi-shuh.in. huang-shou-wei.in.))		
		not (("NROM" and ("ONO" or (oxide adj		
		nitride adj oxide)) and (polysilicon		
		near2 (gate or (word adj line)))) and		
	1.0-	ground\$4)) and (ground\$4 with dop\$4)	TICDAM -	2004/03/16
-	135	((((((trapping or floating) adj layer)	USPAT;	2004/03/16
		and (polysilicon with gate) and ("ONO" or	US-PGPUB;	17:15
		(oxide adj3 nitride adj3 oxide)))) not	EPO; JPO;	
		(kuo-tung-cheng.in. liu-chien-hung.in.	IBM_TDB	
		pan-shyi-shuh.in. huang-shou-wei.in.))		
		not (("NROM" and ("ONO" or (oxide adj		
		nitride adj oxide)) and (polysilicon		
!		near2 (gate or (word adj line)))) and		
1		ground\$4)) not (((((trapping or		
1		floating) adj layer) and (polysilicon		
		with gate) and ("ONO" or (oxide adj3		
		nitride adj3 oxide)))) not		
1		(kuo-tung-cheng.in. liu-chien-hung.in.		
i		pan-shyi-shuh.in. huang-shou-wei.in.))		
1		not (("NROM" and ("ONO" or (oxide adj		
		nitride adj oxide)) and (polysilicon		1
1	1	near2 (gate or (word adj line)))) and		1
		ground\$4)) and (ground\$4 with dop\$4))		0004/02/25
-	24	((((((trapping or floating) adj layer)	USPAT;	2004/03/16
1	1	and (polysilicon with gate) and ("ONO" or	US-PGPUB;	17:20
1		(oxide adj3 nitride adj3 oxide)))) not	EPO; JPO;	
		(kuo-tung-cheng.in. liu-chien-hung.in.	IBM_TDB	
		pan-shyi-shuh.in. huang-shou-wei.in.))		1
1		not (("NROM" and ("ONO" or (oxide adj		
1		nitride adj oxide)) and (polysilicon		
1		near2 (gate or (word adj line)))) and		
1		ground\$4)) not (((((trapping or		
		floating) adj layer) and (polysilicon		
	-	with gate) and ("ONO" or (oxide adj3		ŧ
1		nitride adi3 oxide)))) not		
		(kuo-tung-cheng.in. liu-chien-hung.in.		
	[
	1	pan-shyi-shuh.in. huang-shou-wei.in.))		
1	1	not (("NROM" and ("ONO" or (oxide adj		
	1	nitride adj oxide)) and (polysilicon		
	1	near2 (gate or (word adj line)))) and		
1		ground\$4)) and (ground\$4 with dop\$4)))		
1		and tungsten		

r				
-	111	((((((trapping or floating) adj layer)	USPAT;	2004/03/16
		and (polysilicon with gate) and ("ONO" or	US-PGPUB;	17:41
		(oxide adj3 nitride adj3 oxide)))) not	EPO; JPO;	
		(kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.))	IBM_TDB	
		not (("NROM" and ("ONO" or (oxide adj		
		nitride adj oxide)) and (polysilicon		
		near2 (gate or (word adj line)))) and		
		ground\$4)) not ((((((trapping or		
		floating) adj layer) and (polysilicon		
ĺ		with gate) and ("ONO" or (oxide adj3		
		nitride adj3 oxide)))) not		
		(kuo-tung-cheng.in. liu-chien-hung.in.		
		pan-shyi-shuh.in. huang-shou-wei.in.))		
		not (("NROM" and ("ONO" or (oxide adj		
		nitride adj oxide)) and (polysilicon		
		near2 (gate or (word adj line)))) and		
		ground\$4)) and (ground\$4 with dop\$4)))		
]		not (((((((trapping or floating) adj layer) and (polysilicon with gate) and		
		("ONO" or (oxide adj3 nitride adj3		1
		oxide)))) not (kuo-tung-cheng.in.	,	
		liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)) not (("NROM" and		
1		("ONO" or (oxide adj nitride adj oxide))		
		and (polysilicon near2 (gate or (word adj		
		line)))) and ground\$4)) not		
		((((((trapping or floating) adj layer)		
		and (polysilicon with gate) and ("ONO" or		
		(oxide adj3 nitride adj3 oxide)))) not (kuo-tung-cheng.in. liu-chien-hung.in.		
		pan-shyi-shuh.in. huang-shou-wei.in.)		
:		not (("NROM" and ("ONO" or (oxide adj		
		nitride adj oxide)) and (polysilicon		
		near2 (gate or (word adj line)))) and		
		ground\$4)) and (ground\$4 with dop\$4)))		
		and tungsten)		
-	1	"6680227"	USPAT;	2004/03/16
			US-PGPUB;	18:32
			EPO; JPO;	
	1	/#6147052# #2001/0046719#\ DN	IBM_TDB USPAT	2004/03/16
-	1	("6147053" "2001/0046718").PN.	OPINI	17:41
_	21	"5736764"	USPAT;	2004/03/16
			US-PGPUB;	18:32
}			EPO; JPO;	
			IBM_TDB	
-	0	6680227.URPN.	USPAT	2004/03/17
	_	/#5070070# #5000700# #5050015#	Habam	14:12
-	7	("5070378" "5200733" "5852317" "5966603" "6151248" "6222768"	USPAT	2004/03/17
		"5966603" "6151248" "6222768" "6337502").PN.		14:13
_	13	"NROM" and (antenna adj effect)	USPAT;	2004/03/17
			US-PGPUB;	14:34
			EPO; JPO;	
			IBM_TDB	
-	18	"NROM" and (antenna)	USPAT;	2004/03/17
			US-PGPUB;	14:34
			EPO; JPO;	
	_	(HANDOMII and Jantanna) hast (HANDOMII and	IBM_TDB	2004/03/17
-	5	("NROM" and (antenna)) not ("NROM" and (antenna adj effect))	USPAT; US-PGPUB;	2004/03/17
		(ancemia auj effect)	EPO; JPO;	11.30
			IBM TDB	
-	5377	((non-volatile or (non adj volatile)) adj	USPAT;	2004/03/17
1		memory) and ((trapping adj layer) or	US-PGPUB;	14:40
		(floating adj gate))	EPO; JPO;	
			IBM_TDB	<u></u>

_	5358	(((non-volatile or (non adj volatile))	USPAT;	2004/03/17
		adj memory) and ((trapping adj layer) or	US-PGPUB;	14:40
		(floating adj gate))) not ((("5070378"	EPO; JPO;	
		"5200733" "5852317" "5966603"	IBM_TDB	
		"6151248" "6222768" "6337502").PN.)		
		("NROM" and (antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna))		
		not ("NROM" and (antenna adj effect))))		
1_	55	kuo-tung-cheng.in. liu-chien-hung.in.	USPAT;	2004/03/17
_	33	pan-shyi-shuh.in. huang-shou-wei.in.	US-PGPUB;	14:40
		pan snyl snantin. hading shou wellin.	EPO; JPO;	
]		IBM TDB	
_	5347	((((non-volatile or (non adj volatile))	USPAT;	2004/03/17
		adj memory) and ((trapping adj layer) or	US-PGPUB;	14:40
		(floating adj gate))) not ((("5070378"	EPO; JPO;	
		"5200733" "5852317" "5966603"	IBM TDB	
		"6151248" "6222768" "6337502").PN.)	_	
		("NROM" and (antenna adj effect)) ("NROM"		
		and (antenna)) (("NROM" and (antenna))		
		not ("NROM" and (antenna adj effect)))))		
		not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)		
-	2923	(((((non-volatile or (non adj volatile))	USPAT;	2004/03/17
	1	adj memory) and ((trapping adj layer) or	US-PGPUB;	14:41
		(floating adj gate))) not ((("5070378"	EPO; JPO;	
		"5200733" "5852317" "5966603"	IBM_TDB	
		"6151248" "6222768" "6337502").PN.)		
		("NROM" and (antenna adj effect)) ("NROM"		
		and (antenna)) (("NROM" and (antenna))		
		not ("NROM" and (antenna adj effect)))))		
		not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)) and (ground)		
_	3287	(((((non-volatile or (non adj volatile))	USPAT;	2004/03/17
-	3207	adj memory) and ((trapping adj layer) or	US-PGPUB;	14:41
•		(floating adj gate))) not ((("5070378"	EPO; JPO;	
		"5200733" "5852317" "5966603"	IBM TDB	
		"6151248" "6222768" "6337502").PN.)	_	
		("NROM" and (antenna adj effect)) ("NROM"		
		and (antenna)) (("NROM" and (antenna))		
		not ("NROM" and (antenna adj effect)))))		
		not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)) and (ground\$4)	HCD2m	2004/03/17
-	46	((((((non-volatile or (non adj volatile))	USPAT;	2004/03/17
		adj memory) and ((trapping adj layer) or	US-PGPUB; EPO; JPO;	13.31
		(floating adj gate))) not ((("5070378" "5200733" "5852317" "5966603"	IBM TDB	
		"6151248" "6222768" "6337502").PN.)	11011-1100	
		("NROM" and (antenna adj effect)) ("NROM"		
		and (antenna)) (("NROM" and (antenna))		
		not ("NROM" and (antenna adj effect)))))		
		not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)) and (ground\$4)) and		
		(antenna)		0004/00/5=
-	17		USPAT;	2004/03/17
	1	volatile)) adj memory) and ((trapping adj	US-PGPUB;	15:20
		layer) or (floating adj gate))) not	EPO; JPO;	
		((("5070378" "5200733" "5852317"	IBM_TDB	
		"5966603" "6151248" "6222768"		
		"6337502").PN.) ("NROM" and (antenna adj effect)) ("NROM" and (antenna)) (("NROM"		
		and (antenna)) not ("NROM" and (antenna)		
	1	adj effect))))) not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)) and (ground\$4)) and		
		(antenna)) and ("ONO" or (oxide adj2		
		nitride adj3 oxide))		L

_	29	<pre>(((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj gate))) not</pre>	USPAT; US-PGPUB; EPO; JPO;	2004/03/17 15:25
	•	((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and (antenna adj	IBM_TDB	
		effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna adj effect))))) not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) and		
		<pre>(antenna)) not (((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj</pre>		
		gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and		
		(antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna adj effect))))) not		
		(kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) and (antenna)) and ("ONO"		
-	3241	or (oxide adj2 nitride adj3 oxide))) ((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or	USPAT; US-PGPUB;	2004/03/17 15:25
		(floating adj gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768" "6337502").PN.)	EPO; JPO; IBM_TDB	
		("NROM" and (antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna adj effect))))		
		not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) not		
		<pre>(((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj gate))) not ((("5070378" "5200733" "5852317" </pre>		
		"5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and (antenna adj		
		and (antenna)) not ("NROM" and (antenna adj effect))))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in.		
	1005	huang-shou-wei.in.)) and (ground\$4)) and (antenna))	USPAT;	2004/03/17
_	1235	<pre>(((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj gate))) not ((("5070378" "5200733" "5852317" </pre>	US-PGPUB; EPO; JPO; IBM TDB	15:26
		"5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and (antenna adj	1511_155	
		and (antenna)) not ("NROM" and (antenna adj effect))))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)) and (ground\$4)) not ((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj		
		layer) or (floating adj gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768"		
		"6337502").PN.) ("NROM" and (antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna		
		adj effect))))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) and		
]	(antenna))) and (polysilicon with gate)		<u></u>

		•		
-	762	<pre>(((((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and (antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna adj effect))))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) not ((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and (antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna adj effect))))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) and (antenna)) and (polysilicon with gate)) and (metal or tungsten) (((((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and (antenna adj effect)) ("NROM" and (antenna) (("NROM" and (antenna)) not ("NROM" and (antenna adj effect))))) not (kuo-tung-cheng.in. adj effect))))) not (kuo-tung-cheng.in.</pre>	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/17 15:26 2004/03/17 15:27
		"6337502").PN.) ("NROM" and (antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna		

-	14 (((((((non-volatile or (non adj	USPAT;	2004/03/17
	volatile)) adj memory) and ((trapping adj	US-PGPUB;	15:30
	layer) or (floating adj gate))) not	EPO; JPO;	
	((("5070378" "5200733" "5852317"	IBM_TDB	
	"5966603" "6151248" "6222768"	_	
	"6337502").PN.) ("NROM" and (antenna adj		
	effect)) ("NROM" and (antenna)) (("NROM"		
	and (antenna)) not ("NROM" and (antenna		
	adj effect))))) not (kuo-tung-cheng.in.		
	liu-chien-hung.in. pan-shyi-shuh.in.		
	huang-shou-wei.in.)) and (ground\$4)) not		
	((((((non-volatile or (non adj		
	volatile)) adj memory) and ((trapping adj		
	layer) or (floating adj gate))) not		
	((("5070378" "5200733" "5852317"		
	"5966603" "6151248" "6222768"		
	"6337502").PN.) ("NROM" and (antenna adj		İ
	effect)) ("NROM" and (antenna)) (("NROM"		
	and (antenna)) not ("NROM" and (antenna		
	adj effect))))) not (kuo-tung-cheng.in.		
	liu-chien-hung.in. pan-shyi-shuh.in.		
	huang-shou-wei.in.)) and (ground\$4)) and		
	(antenna))) and (polysilicon with gate))		
	and (metal or tungsten)) and (dop\$4 adj		
	area)		
			

- 9	98 (((((((((non-volatile or (non adj	USPAT;	2004/03/17
	volatile)) adj memory) and ((trapping adj	US-PGPUB;	15:31
ŀ	layer) or (floating adj gate))) not	EPO; JPO;	
	((("5070378" "5200733" "5852317"	IBM TDB	
	"5966603" "6151248" "6222768"	_	
	"6337502").PN.) ("NROM" and (antenna adj		
	effect)) ("NROM" and (antenna)) (("NROM"]	
	and (antenna)) not ("NROM" and (antenna		
	adj effect))))) not (kuo-tung-cheng.in.		
	liu-chien-hung.in. pan-shyi-shuh.in.		
	huang-shou-wei.in.)) and (ground\$4)) not		
	((((((non-volatile or (non adj		
	volatile)) adj memory) and ((trapping adj		
	layer) or (floating adj gate))) not		
1	((("5070378" "5200733" "5852317"		
	"5966603" "6151248" "6222768"	1	
	"6337502").PN.) ("NROM" and (antenna adj	1	
	effect)) ("NROM" and (antenna)) (("NROM"		
	and (antenna)) not ("NROM" and (antenna		
	adj effect))))) not (kuo-tung-cheng.in.		
	liu-chien-hung.in. pan-shyi-shuh.in.	1	
	huang-shou-wei.in.)) and (ground\$4)) and		
	(antenna))) and (polysilicon with gate))		
	and (metal or tungsten)) and (dop\$4 adj		
	region)) not (((((((non-volatile or		1
	(non adj volatile)) adj memory) and		
	((trapping adj layer) or (floating adj		
	gate))) not ((("5070378" "5200733"		
	"5852317" "5966603" "6151248"		
	"6222768" "6337502").PN.) ("NROM" and		
	(antenna adj effect)) ("NROM" and		
	(antenna)) (("NROM" and (antenna)) not		
	("NROM" and (antenna adj effect))))) not		
	(kuo-tung-cheng.in. liu-chien-hung.in.		
	pan-shyi-shuh.in. huang-shou-wei.in.))		
	and (ground\$4)) not (((((non-volatile		
	or (non adj volatile)) adj memory) and		
	((trapping adj layer) or (floating adj		
	gate))) not ((("5070378" "5200733"		
	"5852317" "5966603" "6151248"	1	
	"6222768" "6337502").PN.) ("NROM" and		
	(antenna adj effect)) ("NROM" and		
	(antenna)) (("NROM" and (antenna)) not		
	("NROM" and (antenna adj effect))))) not		
	(kuo-tung-cheng.in. liu-chien-hung.in.		
	pan-shyi-shuh.in. huang-shou-wei.in.))		
	and (ground\$4)) and (antenna))) and		
	(polysilicon with gate)) and (metal or		
	tungsten)) and (dop\$4 adj area))) and		
	((isolati\$4 adj region) or trench)		

-	70	(((((((((((non-volatile or (non adj	USPAT;	2004/03/17
		volatile)) adj memory) and ((trapping adj	US-PGPUB;	15:33
		layer) or (floating adj gate))) not	EPO; JPO;	
		((("5070378" "5200733" "5852317"	IBM_TDB	
		"5966603" "6151248" "6222768"		
		"6337502").PN.) ("NROM" and (antenna adj		
		effect)) ("NROM" and (antenna)) (("NROM"		
		and (antenna)) not ("NROM" and (antenna		
		adj effect))))) not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)) and (ground\$4)) not		
		((((((non-volatile or (non adj		
		volatile)) adj memory) and ((trapping adj		
		layer) or (floating adj gate))) not		
		((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768"		
		"6337502").PN.) ("NROM" and (antenna adj		
1		effect)) ("NROM" and (antenna)) (("NROM"		
		and (antenna)) not ("NROM" and (antenna		
		adj effect))))) not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) and		
		(antenna))) and (polysilicon with gate))		
		and (metal or tungsten)) and (dop\$4 adj		
		region)) not ((((((((non-volatile or		
		(non adj volatile)) adj memory) and		
		((trapping adj layer) or (floating adj		
		((trapping ad) rayer) or (rroating ad) gate))) not ((("5070378" "5200733"		
		"5852317" "5966603" "6151248"		
-		"6222768" "6337502").PN.) ("NROM" and		
		(antenna adj effect)) ("NROM" and		
1		(antenna)) (("NROM" and (antenna)) not		
		("NROM" and (antenna adj effect)))) not		
		(kuo-tung-cheng.in. liu-chien-hung.in.		
		pan-shyi-shuh.in. huang-shou-wei.in.))		
!		and (ground\$4)) not (((((non-volatile		
		or (non adj volatile)) adj memory) and		
		((trapping adj layer) or (floating adj		
		gate))) not ((("5070378" "5200733"		
		"5852317" "5966603" "6151248"		
!		"6222768" "6337502").PN.) ("NROM" and		
	1	(antenna adj effect)) ("NROM" and		
		(antenna)) (("NROM" and (antenna)) not		
		("NROM" and (antenna adj effect))))) not		
		(kuo-tung-cheng.in. liu-chien-hung.in.		
		pan-shyi-shuh.in. huang-shou-wei.in.))		
		and (ground\$4)) and (antenna))) and		
		(polysilicon with gate)) and (metal or		
		tungsten)) and (dop\$4 adj area))) and		
1		((isolati\$4 adj region) or trench)) and		
		(gate or (word adj line)) with ((metal or		
		tungsten) and polysilicon)		
-	5		USPAT;	2004/03/18
		("6432726") or ("6642113") or	US-PGPUB;	12:21
		("20030178652")).PN.	EPO; JPO;	
			IBM_TDB	2004/02/17
-	5		USPAT	2004/03/17
		"5295095" "5304802").PN.		16:33
-	4		USPAT	2004/03/18
		"6432726" "2002/0061630").PN.	Hann	11:51
-	0	6642113.URPN.	USPAT	2004/03/18
	_	CC42112 UDDV	Henn	11:52
-	0	6642113.URPN.	USPAT	2004/03/18
	1.0	/#4612620# #E621220# #5760445#	IICDAM	11:52 2004/03/18
-	10	("4612629" "5621229" "5760445" "5811869" "5817577" "5844258"	USPAT	11:56
	1			11.30
	1	"5883401" "5903031" "5910452"		
1	i	"6093626").PN.	<u> </u>	L

_	10	("4612629" "5621229" "5760445" "5811869" "5817577" "5844258" "5883401" "5903031" "5910452"	USPAT	2004/03/18 12:12
-	7	"6093626").PN. "5497345"	USPAT; US-PGPUB;	2004/03/18
			EPO; JPO; IBM_TDB	12.22
-	5	"5295095" "5304802").PN.	USPAT	2004/03/18
_	3	5497345.URPN.	USPAI	12:35
	3 191	(((((((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and (antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna)) not ("NROM" and (antenna) adj effect)))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) not (((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and (antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna adj effect))))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) and (antenna))) and (polysilicon with gate)) and (metal or tungsten)) and (dop\$4 adj region)) not ((((((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and (antenna adj effect)) ("NROM" and (antenna adj effect)) ("NROM" and (antenna adj effect)) ("NROM" and (antenna adj effect))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) not ((((((((non-volatile or (non adj volatile)) adj memory) and	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/18 12:35 2004/03/18 13:14
		((trapping adj layer) or (floating adj gate))) not (("5070378" "5200733" "5852317" "5966603" "6151248"		
		"6222768" "6337502").PN.) ("NROM" and (antenna adj effect)) ("NROM" and		
		(antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna adj effect))))) not		
		(kuo-tung-cheng.in. liu-chien-hung.in.		
		<pre>pan-shyi-shuh.in. huang-shou-wei.in.)) and (ground\$4)) and (antenna))) and</pre>		
		(polysilicon with gate)) and (metal or		
		tungsten)) and (dop\$4 adj area))		

-	128	((((((((((non-volatile or (non adj	USPAT;	2004/03/18
!		volatile)) adj memory) and ((trapping adj	US-PGPUB;	13:15
		layer) or (floating adj gate))) not	EPO; JPO;	1
		((("5070378" "5200733" "5852317"	IBM TDB	1
	İ	"5966603" "6151248" "6222768"		
		"6337502").PN.) ("NROM" and (antenna adj		
		effect)) ("NROM" and (antenna)) (("NROM"		
		and (antenna)) not ("NROM" and (antenna		
		adj effect))))) not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)) and (ground\$4)) not		
		((((((non-volatile or (non adj		
		volatile)) adj memory) and ((trapping adj		
		layer) or (floating adj gate))) not		
		((("5070378" "5200733" "5852317"		
		"5966603" "6151248" "6222768"		
		"6337502").PN.) ("NROM" and (antenna adj		
1		effect)) ("NROM" and (antenna)) (("NROM"		1
1		and (antenna)) not ("NROM" and (antenna		.
		adj effect))))) not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)) and (ground\$4)) and		
		(antenna))) and (polysilicon with gate))	:	
		and (metal or tungsten)) and (dop\$4 adj		
		region)) not ((((((((non-volatile or		
		(non adj volatile)) adj memory) and		
		((trapping adj layer) or (floating adj		
		gate))) not ((("5070378" "5200733"		
		"5852317" "5966603" "6151248"		
		"6222768" "6337502").PN.) ("NROM" and		}
		(antenna adj effect)) ("NROM" and		
		(antenna)) (("NROM" and (antenna)) not		
		("NROM" and (antenna adj effect))))) not		
		(kuo-tung-cheng.in. liu-chien-hung.in.		
		pan-shyi-shuh.in. huang-shou-wei.in.)		
1				
		and (ground\$4)) not ((((((non-volatile		
		or (non adj volatile)) adj memory) and		
		((trapping adj layer) or (floating adj		
		gate))) not ((("5070378" "5200733"		
		"5852317" "5966603" "6151248"		
		"6222768" "6337502").PN.) ("NROM" and		
		(antenna adj effect)) ("NROM" and		
1		(antenna)) (("NROM" and (antenna)) not		
		("NROM" and (antenna adj effect))))) not		
1 .		(kuo-tung-cheng.in. liu-chien-hung.in.		
		pan-shyi-shuh.in. huang-shou-wei.in.))		
1		and (ground\$4)) and (antenna))) and		
		(polysilicon with gate)) and (metal or		
		tungsten)) and (dop\$4 adj area))) and		
		("ONO" or (oxide adj3 nitride adj3		
		oxide))		
1	F	1 ONTACII	1	

[////////////////////////////////////	IICDAT.	2004/03/19
- 3		USPAT;	2004/03/18
	volatile)) adj memory) and ((trapping adj	US-PGPUB;	13:15
	layer) or (floating adj gate))) not	EPO; JPO;	
	((("5070378" "5200733" "5852317"	IBM_TDB	
	"5966603" "6151248" "6222768"		1
	"6337502").PN.) ("NROM" and (antenna adj		
	effect)) ("NROM" and (antenna)) (("NROM"		
	and (antenna)) not ("NROM" and (antenna		
	adj effect))))) not (kuo-tung-cheng.in.		
	liu-chien-hung.in. pan-shyi-shuh.in.		
	huang-shou-wei.in.)) and (ground\$4)) not		
	(((((((non-volatile or (non adj		
	volatile)) adj memory) and ((trapping adj		
1			
	layer) or (floating adj gate))) not	1	
	((("5070378" "5200733" "5852317"	İ	
	"5966603" "6151248" "6222768"		
	"6337502").PN.) ("NROM" and (antenna adj		
	effect)) ("NROM" and (antenna)) (("NROM"		
	and (antenna)) not ("NROM" and (antenna		
	adj effect))))) not (kuo-tung-cheng.in.		
	liu-chien-hung.in. pan-shyi-shuh.in.		
	huang-shou-wei.in.)) and (ground\$4)) and		
	(antenna))) and (polysilicon with gate))		
	and (metal or tungsten)) and (dop\$4 adj		
	region)) not (((((((non-volatile or		
	(non adj volatile)) adj memory) and		
	((trapping adj layer) or (floating adj		
	gate))) not ((("5070378" "5200733"		
	"5852317" "5966603" "6151248"		
	"6222768" "6337502").PN.) ("NROM" and		İ
	"6222/60" 655/502 PN.) NKON and		
	(antenna adj effect)) ("NROM" and		
	(antenna)) (("NROM" and (antenna)) not		
	("NROM" and (antenna adj effect))))) not		
	(kuo-tung-cheng.in. liu-chien-hung.in.		
	pan-shyi-shuh.in. huang-shou-wei.in.))		
	and (ground\$4)) not ((((((non-volatile		
	or (non adj volatile)) adj memory) and		
	((trapping adj layer) or (floating adj		
	gate))) not ((("5070378" "5200733"		
	"5852317" "5966603" "6151248"		1
	"6222768" "6337502").PN.) ("NROM" and		
	(antenna adj effect)) ("NROM" and		
	(antenna)) (("NROM" and (antenna)) not		
	("NROM" and (antenna adj effect))))) not		
	(kuo-tung-cheng.in. liu-chien-hung.in.		
	pan-shyi-shuh.in. huang-shou-wei.in.))		
	1 • -		1
	and (ground\$4)) and (antenna))) and		
	(polysilicon with gate)) and (metal or		
	tungsten)) and (dop\$4 adj area))) and		
	("ONO" or (oxide adj3 nitride adj3		
1	oxide))) and NROM	1	

- 5	((((((((((((non-volatile or (non adj	USPAT;	2004/03/18
	volatile)) adj memory) and ((trapping adj	US-PGPUB;	13:16
	layer) or (floating adj gate))) not	EPO; JPO;	
	((("5070378" "5200733" "5852317"	IBM_TDB	
	"5966603" "6151248" "6222768"	_	
	"6337502").PN.) ("NROM" and (antenna adj		
	effect)) ("NROM" and (antenna)) (("NROM"		
	and (antenna)) not ("NROM" and (antenna		
	adj effect))))) not (kuo-tung-cheng.in.		
	liu-chien-hung.in. pan-shyi-shuh.in.		
	huang-shou-wei.in.)) and (ground\$4)) not		
1	((((((non-volatile or (non adj		
	volatile)) adj memory) and ((trapping adj		}
	layer) or (floating adj gate))) not		
	((("5070378" "5200733" "5852317"		
	"5966603" "6151248" "6222768"		
	"6337502").PN.) ("NROM" and (antenna adj		
	effect)) ("NROM" and (antenna)) (("NROM"		
	and (antenna)) not ("NROM" and (antenna		
	adj effect))))) not (kuo-tung-cheng.in.		
	liu-chien-hung.in. pan-shyi-shuh.in.		
	huang-shou-wei.in.)) and (ground\$4)) and		
	(antenna))) and (polysilicon with gate))		
	and (metal or tungsten)) and (dop\$4 adj		
	region)) not ((((((((non-volatile or		
	(non adj volatile)) adj memory) and		
	((trapping adj layer) or (floating adj		
	gate))) not ((("5070378" "5200733"		
	"5852317" "5966603" "6151248"		
	"6222768" "6337502").PN.) ("NROM" and		
	(antenna adj effect)) ("NROM" and		
	(antenna)) (("NROM" and (antenna)) not		1
	("NROM" and (antenna adj effect))))) not		
	(kuo-tung-cheng.in. liu-chien-hung.in.		
	pan-shyi-shuh.in. huang-shou-wei.in.))		İ
	and (ground\$4)) not ((((((non-volatile		
	or (non adj volatile)) adj memory) and		
	((trapping adj layer) or (floating adj		
	gate))) not ((("5070378" "5200733"		
	"5852317" "5966603" "6151248"		
	"6222768" "6337502").PN.) ("NROM" and		
	(antenna adj effect)) ("NROM" and		
	(antenna)) (("NROM" and (antenna)) not		
	("NROM" and (antenna adj effect))))) not		
	(kuo-tung-cheng.in. liu-chien-hung.in.	1	
	pan-shyi-shuh.in. huang-shou-wei.in.))		
	and (ground\$4)) and (antenna))) and		
	(polysilicon with gate)) and (metal or		
	tungsten)) and (dop\$4 adj area))) and		
	("ONO" or (oxide adj3 nitride adj3		
	oxide))) and "ONO".ab.	<u></u>	1

- 12	volatile)) adj memory) and ((trapping adj	USPAT; US-PGPUB;	2004/03/18 13:16
	layer) or (floating adj gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768"	EPO; JPO; IBM_TDB	
	"6337502").PN.) ("NROM" and (antenna adj		
	effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna		
	adj effect))))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in.		
	huang-shou-wei.in.)) and (ground\$4)) not		
	<pre>((((((((non-volatile or (non adj volatile)) adj memory) and ((trapping adj</pre>		
	layer) or (floating adj gate))) not		
	((("5070378" "5200733" "5852317" "5966603" "6151248" "6222768"		
	"6337502").PN.) ("NROM" and (antenna adj		
	effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not ("NROM" and (antenna		
	adj effect))))) not (kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in.		
	huang-shou-wei.in.)) and (ground\$4)) and		
	<pre>(antenna))) and (polysilicon with gate)) and (metal or tungsten)) and (dop\$4 adj</pre>		
	region)) not ((((((((non-volatile or		
	(non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj		
	gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248"		
	"6222768" "6337502").PN.) ("NROM" and		
	<pre>(antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not</pre>		
	("NROM" and (antenna adj effect))))) not		
	(kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.))		
	and (ground\$4)) not (((((non-volatile		
	or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj		
	gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248"		
	"6222768" "6337502").PN.) ("NROM" and	-	
	(antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not		
	("NROM" and (antenna adj effect))))) not (kuo-tung-cheng.in. liu-chien-hung.in.		
	pan-shyi-shuh.in. huang-shou-wei.in.))		
	and (ground\$4)) and (antenna))) and (polysilicon with gate)) and (metal or		
	tungsten)) and (dop\$4 adj area))) and		
	<pre>("ONO" or (oxide adj3 nitride adj3 oxide))) not ((((((((((((non-volatile</pre>		
	or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj		
	gate))) not ((("5070378" "5200733"		
	"5852317" "5966603" "6151248" "6222768" "6337502").PN.) ("NROM" and		
	<pre>(antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) not</pre>		
	("NROM" and (antenna adj effect))))) not		
	(kuo-tung-cheng.in. liu-chien-hung.in. pan-shyi-shuh.in. huang-shou-wei.in.))		
	and (ground\$4)) not ((((((non-volatile		
	or (non adj volatile)) adj memory) and ((trapping adj layer) or (floating adj		
	gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248"		
	"6222768" "6337502").PN.) ("NROM" and		
	(antenna adj effect)) ("NROM" and (antenna)) (("NROM" and (antenna)) ¹ not		
	("NROM" and (antenna adj effect))))) not (kuo-tung-cheng.in. liu-chien-hung.in.		
Search Wistory	pan-shvi-shuh in huang-shou-wei in))		
Search History	7/ %hd4 (gr85hd\$4PM and Pafftehna))) and (polysilicon with gate)) and (metal or		
C:\APPS\EAST\Work	(spatusquent) 3andspdop\$4 adj region)) not		
•	(((((((((non-volatile or (non adj		

			***	1 0004 /02 /10
	5	((((((((((((((((((((((((((((((((((((((USPAT; US-PGPUB;	2004/03/18 13:18
		volatile)) adj memory) and ((trapping adj layer) or (floating adj gate))) not	EPO; JPO;	13:10
		((("5070378" "5200733" "5852317"	IBM TDB	
		"5966603" "6151248" "6222768"	1511_155	
		"6337502").PN.) ("NROM" and (antenna adj		
		effect)) ("NROM" and (antenna)) (("NROM"		
		and (antenna)) not ("NROM" and (antenna		
		adj effect))))) not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in.		
		huang-shou-wei.in.)) and (ground\$4)) not		1
		(((((((non-volatile or (non adj		
		volatile)) adj memory) and ((trapping adj]
		layer) or (floating adj gate))) not		
		((("5070378" "5200733" "5852317"		
		"5966603" "6151248" "6222768"		
		"6337502").PN.) ("NROM" and (antenna adj		
		effect)) ("NROM" and (antenna)) (("NROM"		
		and (antenna)) not ("NROM" and (antenna		
		adj effect))))) not (kuo-tung-cheng.in.		
		liu-chien-hung.in. pan-shyi-shuh.in.		ļ
		huang-shou-wei.in.)) and (ground\$4)) and		
		(antenna))) and (polysilicon with gate))		
		and (metal or tungsten)) and (dop\$4 adj		
		region)) not ((((((((non-volatile or		
		(non adj volatile)) adj memory) and		
		((trapping adj layer) or (floating adj		
		gate))) not ((("5070378" "5200733"		
		"5852317" "5966603" "6151248"		
		"6222768" "6337502").PN.) ("NROM" and		
		(antenna adj effect)) ("NROM" and		ł
		(antenna)) (("NROM" and (antenna)) not		İ
		("NROM" and (antenna adj effect))))) not		
		(kuo-tung-cheng.in. liu-chien-hung.in.		
		pan-shyi-shuh.in. huang-shou-wei.in.))		
		and (ground\$4)) not (((((non-volatile		
		or (non adj volatile)) adj memory) and		
		((trapping adj layer) or (floating adj		
		gate))) not ((("5070378" "5200733"		
		"5852317" "5966603" "6151248"		
	ļ	"6222768" "6337502").PN.) ("NROM" and		
		(antenna adj effect)) ("NROM" and	:	
		(antenna)) (("NROM" and (antenna)) not		
		("NROM" and (antenna adj effect))))) not		1
		(kuo-tung-cheng.in. liu-chien-hung.in.		
		pan-shyi-shuh.in. huang-shou-wei.in.))		-
		and (ground\$4)) and (antenna))) and	İ	
		(polysilicon with gate)) and (metal or		
		tungsten)) and (dop\$4 adj area))) and		
		("ONO" or (oxide adj3 nitride adj3		
		oxide))) not (((((((((((((non-volatile		
		or (non adj volatile)) adj memory) and		
		((trapping adj layer) or (floating adj gate))) not (("5070378" "5200733"		
		gate))) not ((("5070378" "5200733" "5852317" "5966603" "6151248"	İ	
		"6222768" "6337502").PN.) ("NROM" and		
		(antenna adj effect)) ("NROM" and		
		(antenna adj effect) ("NROM" and (antenna)) not		
		("NROM" and (antenna adj effect))))) not]	
		(kuo-tung-cheng.in. liu-chien-hung.in.		
		pan-shyi-shuh.in. huang-shou-wei.in.))		
		and (ground\$4)) not ((((((non-volatile		
		or (non adj volatile)) adj memory) and		
		((trapping adj layer) or (floating adj		
	1	gate))) not ((("5070378" "5200733"		
		"5852317" "5966603" "6151248"	1	
		"6222768" "6337502").PN.) ("NROM" and		
		(antenna adj effect)) ("NROM" and		
		(antenna)) (("NROM" and (antenna)) not		
		("NROM" and (antenna adj effect))))) not		
		(kuo-tung-cheng.in. liu-chien-hung.in.		
7	<u> </u>	,pan-shyi-shuh in huang-shou-wei in.))	-	
Search His	story 7	Yand (ground \$4PM and Paghtenna))) and		
		(polysilicon with gate)) and (metal or		
::\APPS\E	AST\Worksr	atungspenssandspdop\$4 adj region)) not		
	1	(((((((((non-volatile or (non adj	1	1

-	0	NROM and	((traping adj	layer)	with "	ONO")	USPAT;	2004/03/18
							US-PGPUB;	13:19
							EPO; JPO;	
	•						IBM TDB	
-	43	NROM and	((trapping adj	layer	with		USPAT;	2004/03/18
	Į.	"ONO")		_			US-PGPUB;	13:19
							EPO; JPO;	
		ļ					IBM TDB	